

# BVD 2006 CONFERENCE POSTERS

## “BVD CONTROL; THE FUTURE IS NOW”

**Grand Ballroom I, Adam’s Mark Hotel, Denver, January 29 - 31**  
**Poster set-up, Grand Ballroom I - Sunday, Jan. 29, 1:00 PM - 4:00PM**

Poster No.	TITLES / AUTHORS
<b>P1</b>	Characterization of Bovine Viral Diarrhea Virus (BVDV) Virus Stability and Immunological Profile from a Group of BVDV Persistently Infected Calves. CCL <b>Chase</b> <sup>1*</sup> , LJ Braun <sup>1</sup> , L Holler <sup>1</sup> , J Neill <sup>2</sup> and J Ridpath <sup>2</sup> <sup>1</sup> Dept Vet Sci, South Dakota State University, Brookings, SD; <sup>2</sup> NADC, Ames IA.
<b>P2</b>	Immunological Response to a Matched Pair of NCP or CP Bovine Viral Diarrhea Virus in Calves. CCL <b>Chase</b> <sup>1*</sup> , LJ Braun <sup>1</sup> , J Neill <sup>2</sup> , J Ridpath <sup>2</sup> and R Harland <sup>3</sup> <sup>1</sup> Dept Vet Sci, South Dakota State University, Brookings, SD; <sup>2</sup> NADC, Ames IA; <sup>3</sup> Novartis Animal Health, Larchwood IA.
<b>P3</b>	Pooling ear notch samples for BVDV PI animal detection by AC-ELISA decreases the cost of whole herd screening. <b>Cleveland</b> , SM*, Van Campen, H. Department of Microbiology, Immunology and Pathology, College of Veterinary Medicine and Biomedical Sciences, Colorado State University, Fort Collins, CO.
<b>P4</b>	Microarray Screening Reveals Differential Gene Expression in Bloods from Calves that are Persistently Infected with Bovine Viral Diarrhea Virus. Thomas R. <b>Hansen</b> <sup>*1,2</sup> , Alberto L. van Olphen <sup>2,3</sup> , Lea A. Rempel <sup>2</sup> , Kathleen J. Austin <sup>2</sup> , Hyungchul Han <sup>2</sup> , Jeffrey A. Clapper <sup>4</sup> , Donald L. Montgomery <sup>5</sup> , Brynn M. Berg <sup>2</sup> and Hana Van Campen <sup>6</sup> <sup>1</sup> Colorado State University, Department of Biomedical Sciences, Fort Collins, CO; <sup>2</sup> University of Wyoming, Department of Animal Science, Laramie, WY; <sup>3</sup> University of South Florida, Center for Biological Defense, Tampa Bay, FL; <sup>4</sup> South Dakota State University, Department of Animal Science, Brookings, SD; <sup>5</sup> University of Wyoming, Department of Veterinary Science; <sup>6</sup> Colorado State University, Department of Microbiology Immunology and Pathology
<b>P5</b>	Licensing, Quality Control and Performance Aspects of the BVD Antigen ELISA. John C. <b>Lawrence</b> <sup>*</sup> , Rick D. Linscott. IDEXX Laboratories, One IDEXX Drive, Westbrook, Maine 04092
<b>P6</b>	Flow Cytometry Analysis of White Tailed Deer Exposed to BVDV. C.S. <b>Mark</b> <sup>a*</sup> , J.F. Ridpath <sup>b</sup> , and C.C.L. Chase <sup>a</sup> <sup>a</sup> South Dakota State University, Brookings, SD, <sup>b</sup> NADC/ARS/USDA, Ames, IA
<b>P7</b>	Epidemic of Acute BVDV in Quebec, Ontario and New York State Linked to the Same Strain of BVDV2. J.F. <b>Ridpath</b> <sup>a*</sup> , J.D. Neill <sup>a</sup> , S. Vilcek <sup>b</sup> , E.J. Dubovi <sup>c</sup> and S. Carman <sup>d</sup> <sup>a</sup> National Animal Disease Center, USDA, <sup>b</sup> University of Veterinary Medicine, Komenskeho, Slovakia, <sup>c</sup> Cornell University, Ithaca, New York, <sup>d</sup> University of Guelph, Guelph, Ontario, Canada
<b>P8</b>	BVDV Fetal Protection Vaccine Proof of Efficacy Studies: Requirements Include Both Consistency and Diversity. Carol L. <b>Rinehart</b> <sup>*1</sup> , William Charles Ohnesorge <sup>1</sup> , Christopher Chase <sup>2,3</sup> , Tanya Triebwasser <sup>3</sup> , Kysa Gilkerson <sup>3</sup> and Alicia Zimmerman <sup>3</sup> . <sup>1</sup> Boehringer Ingelheim Vetmedica, St. Joseph, MO; <sup>2</sup> South Dakota State University, Brookings, SD; <sup>3</sup> Rural Technologies Inc., Brookings, SD.

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**No.**

**P9**

Pre-breeding vaccination with a modified live vaccine prevented fetal persistent infection caused by bovine viral diarrhea viruses. Wenzhi **Xue\***, Debora Mattick, Linda Smith, and John Maxwell. Intervet Inc. Research & Development, DeSoto, KS

**P10**

Prevalence of bovine viral diarrhea virus exposure and persistent infection in natural service dairy bulls. Jorge L. **Zambrano-Varón**, \* Sharon K. Hietala, Mark C. Thurmond. University of California, Davis. CA 95616